

Quarterly Report - Public Page

Date of Report: October 30, 2008

Contract Number: DTPH56-08-T-000002

Prepared for: U.S. DOT Pipeline and Hazardous Materials Safety Administration

Project Title: Enhanced Defect Detection and Sizing Accuracy Using Matrix Phased-Array Ultrasonics Tools

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Results and Conclusions: The project team delivered the final draft of a concept for two dimensional matrix phased-array systems (Milestone #2), the functionality of prototype wedge design #2 was tested, and a draft procedure was developed for the field trials.

Plans for Future Activity: Continue developing virtual optimization software, resume working on functional specifications for matrix phased-array module design, and continue laboratory performance determination activities.